

**Modified Enlarged 18pt**

**OXFORD CAMBRIDGE AND RSA EXAMINATIONS**

**Tuesday 12 January 2021 – Afternoon**

**Level 3 Cambridge Technical in Applied Science**

**05847/05848/05849/05874/05879**

**Unit 1: Science fundamentals**

**Time allowed: 2 hours plus your additional time allowance**

**Insert for Questions 1 and 3**

**Please write clearly in black ink.**

**Centre  
number**

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**Candidate  
number**

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**First name(s)** \_\_\_\_\_

**Last name** \_\_\_\_\_

**Date of  
birth**

D	D	M	M	Y	Y	Y	Y
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TABLE 1.1

Element	Electronic structure	Neutron number	Nucleon number (atomic mass number)	Proton number
V		10	19	
W	2,8,2	12		12
X	2,8,4		28	14
Y		18	35	17

**TABLE 3.1**

<b>Food</b>	<b>Amount of magnesium (mg per 100 g portion)</b>
<b>Almonds</b>	<b>300</b>
<b>Banana</b>	<b>29</b>
<b>Brazil nuts</b>	<b>225</b>
<b>Pumpkin seeds</b>	<b>532</b>
<b>Spinach</b>	<b>80</b>



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